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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/517,953

07/11/2005

Giacomo Crotti

19339-099974

3768

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12/27/2006

EXAMINER

MERLINO, ALYSON MARIE

ART UNIT

PAPER NUMBER

3676

MAIL DATE

DELIVERY MODE

12/27/2006

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/517,953	CROTTI ET AL.	
	Examiner	Art Unit	
	Alyson M. Merlino	3676	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 July 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☒ Claim(s) 1-14 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 December 2004 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>14 December 2004</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This application is in condition for allowance except for the following formal matters:

Drawings

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the axis D of pin 56 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Specification

2. The disclosure is objected to because of the following informalities:
 - a. **On page 3**, the note concerning patent US-5855130 should not be included in the specification since it references the claims.
 - b. **On page 4, lines 6 and 7**, the reference to Claim 1 should be deleted, i.e. the phrase "as defined in claim 1."
 - c. **On page 8, line 10**, the phrase "pawl or pawl 16" should be replaced with "pawl 16."
 - d. **On page 9, line 18**, "pawl 21" should be "pawl 16."
 - e. **On page 15, line 9, and page 16, line 9**, "pin 46" should be "pin 56."
 - f. **On page 15, line 10**, "transmission lever 46" should be "transmission lever 57."
 - g. **On page 18, line 17**, in the phrase "Figures 1, 2, and 7" insert a "9" after the "7", and move the "and" in between the "7" and the "9", i.e. make the phrase "Figures 1, 2, 7, and 9."
 - h. **On page 20, line 18**, insert reference character "89" in between the phrase "an electric motor" and reference character "90."
 - i. **On page 22, line 9**, "prismatic intermediate portion 105, 106" should be "prismatic intermediate portion 106, 107."
 - j. **On page 24, line 4**, "end portion 11a" should be "end portion 110."
 - k. **On pages 29-30**, specifically, the sentence beginning on line 23 on page 29, the word "of" should be deleted before the phrase "the shafts 71, 72" and the

second occurrence of the word "of" before the phrase "the key cylinder 82." Also, the examiners suggests that the sentence beginning on line 23 of page 29 should end after the phrase "the key cylinder 82," and the next sentence should begin with the phrase "An electrical circuit 147." Within the new sentence beginning with "An electrical circuit 147," the word "which" in line 5 should be deleted to correct grammatical errors.

l. **On page 30, line 13**, the phrase "a corresponding housing and from which there project electrical-connection means 150" should be changed to "a corresponding housing and from which there projects an electrical-connection means 150."

m. **On pages 32, lines 10 and 15, and page 33, line 5**, in view of Figures 4 and 6, the examiner feels that if projecting portion 44 is to meet end 52 of the main safety member 41, then the external control lever 38 needs to be rotated in a clockwise direction, not a counterclockwise direction, as found in line 10 on page 32, and line 5 on page 33. Also, if the projection 34 of the opening lever 30 is to intercept the projection 27, the opening lever 30 needs to be rotated in a counterclockwise direction, not a clockwise direction, as found in line 15. The suggested correction to description the rotation of the external control lever 38 corresponds to the suggested correction to the description of the rotation of the opening lever 30, and vice versa.

n. **On page 33, lines 21 and 26**, in view of Figures 1, 3, and 4, the examiner feels that if the transmission lever 57 is to rotate in a counterclockwise direction

about axis B in order to uncouple the pawl 16 from the fork 15, then the internal control lever 55 needs to be rotated in a counterclockwise direction about axis D running through pin 56, not clockwise, as found in line 21, which results in the counterclockwise rotation, not clockwise, of the opening lever 30, as found in line 26. In order for the pawl to be uncoupled from the fork, the opening lever 30 must be rotated in a counterclockwise direction, which corresponds to a counterclockwise rotation of internal control lever 55.

- o. **On page 33, line 18**, the phrase "Figure 6" should be changed to "Figure 5."

Appropriate correction is required.

Claim Objections

- 3. **Claims 5-13 are objected** to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim cannot depend from any other multiple dependent claim. See MPEP § 608.01(n). Accordingly, the claims 5-13 have not been further treated on the merits.
- 4. **Claims 1-14 are objected** to because of the following informalities:
 - a. **Claim 1, line 23**, the phrase "characterized in that" should be deleted and replaced with --wherein--.
 - b. **Claims 2-14, the first line of each claim**, the phrase "characterized in that" should be deleted and replaced with --wherein--.

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- c. **Claims 1-14 should be reviewed** for any grammatical errors, such as the word "comprise" should be deleted, and replaced with —comprises—within line 24 of claim 1.

Appropriate correction is required.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Conclusion

5. **Claims 1-4 and 14** would be allowable if rewritten to correct the informalities.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alyson M. Merlino whose telephone number is (571) 272-2219. The examiner can normally be reached on Monday through Friday, 7:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brian Glessner can be reached on (571) 272-6843. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

AM AM

December 18, 2006



BRIAN E. GLESSNER
SUPERVISORY PATENT EXAMINER